

Kinzua Dam and Allegheny Reservoir, authorized by the Flood Control Acts of 1936 and 1938, is one of 16 flood damage reduction projects in the Pittsburgh District. Kinzua Dam provides protection from Allegheny River flooding for Warren, Pa. In conjunction with other Pittsburgh District projects, Kinzua also helps to substantially reduce flooding along the Allegheny and upper Ohio River valleys. Kinzua Dam's flood control capabilities were dramatically demonstrated during the June 1972 flood resulting from Tropical Storm Agnes, when an estimated \$247 million in flood damages were prevented. Since its completion in 1965, Kinzua has prevented flood damages estimated at more than \$360 million.

The reservoir also provides water during dry periods, which have the effect of reducing pollution and improving water quality and quantity for domestic, industrial, and recreational uses. This flow regulation also helps maintain navigable depths for commercial and recreational vessels on the Allegheny and upper Ohio Rivers.

Another benefit provided by Kinzua is hydroelectric power generation. Seneca Power Station, operated by FirstEnergy Corporation, provides 400,000 kilowatts per hour at peak capacity. This is enough power to service approximately 266,400 homes per year at full capacity.



Dam and Lake Statistics

Location: On the Allegheny River in Warren County, Pa, approximately 198 miles above the river mouth at Pittsburgh, Pa. The reservoir is located in Warren and McKean Counties, Pa and Cattaraugus County, New York.

Purposes: Flood control, navigation, power generation, pollution abatement, and recreation.

Total Area:	26,541 acres
Drainage area above dam:	2,180 sq. mi.
Construction costs:	\$108,000,000

Dam

Type of structure:

Concrete dam and earthen embankment

Volume of concrete and earthfill:	3,500,000 cu yd
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Maximum height above streambed:	179 ft.
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Total length:	1,877 ft.
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Maximum width at base:	
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Concrete	195 ft.
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Earthen embankment	1,050 ft.
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Outlet works:

Four 24' x 45' crest gates

Eight 5'8" x 10' discharge sluices

Two 15' diameter hydroelectric penstocks

Lake

Length at normal pool:	24.2 mi.
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Summer Area:	12,080 acres
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Maximum Area:	21,180 acres
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Elevation above sea level:	
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Streambed at dam:	1,198 ft.
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Summer Pool:	1,328 ft.
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Maximum Pool:	1,365 ft.
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Kinzua Dam & Allegheny Reservoir



-BUILDING STRONGSM-

Kinzua Dam

1205 Kinzua Road
Warren, PA16365
(814) 726-0661

Lake & Recreation Information: (814) 726-0164
www.lrp.usace.army.mil/rec/rec.htm

Allegheny National Forest

4 Farm Colony Drive
Warren, PA16365
(814) 723-5150
<http://www.fs.fed.us/r9/forests/allegheny>

Allegheny State Park

2373 ASP Route 1, Suite 3
Salamanca, NY 14779
(716) 354-9121
<http://www.nysparks.state.ny.us/parks/info.asp?parkID=91>

Seneca Nation of Indians

Haley Community Building
P.O. Box 231
Salamanca, NY 14779
(716) 945-1790
<http://www.sni.org>

Onoville Marina Park

704 West Perimeter Road
P.O. Box B
Steamburg, NY 14783
(716) 354-2615
<http://www.onoville.org>

Recreation

Entirely surrounded by forest, the Kinzua Dam and Allegheny Reservoir are at the heart of one of the largest and most popular outdoor recreation areas in the northeastern United States. The U.S. Army Corps of Engineers invites you to visit the reservoir and discover year-round recreational opportunities. The Big Bend Visitor Center, located just downstream of Kinzua Dam, contains exhibits about the Corps' mission and notable floods. Educational information, which explains and illustrates the purposes of the dam, and Seneca Power Station, as well as the industry, transportation, and rich history of the Allegheny Valley, is also available. The center is open from Memorial Day weekend through Labor Day, and weekends in September and October.

The boat launch at the Big Bend Outflow Area provides access to the Allegheny River, a popular choice for outdoor adventure. A popular float is the four-hour trip from Kinzua Dam to Warren. Allegheny Reservoir's 91 miles of shoreline and deep waters have made it a popular site for power boaters and water skiers. The irregular shoreline provides many inlets and backwater areas for canoes and small fishing boats to explore. Anglers on the Allegheny Reservoir and River have an excellent opportunity to land walleye, smallmouth bass, trout, panfish, and an occasional musky or northern pike.



Allegheny National Forest

The U.S. Forest Service manages thousands of acres of developed recreation areas and rustic backwoods sites. Ten



campgrounds of varying sizes and facilities are available. Kinzua-Wolf Run Marina and six boat launches located within the National Forest provide access to the reservoir. Two swim beaches and several scenic picnic areas are also available.

Allegheny State Park

In New York, Allegheny State Park's 65,000 acres contains two major recreation areas and many opportunities for outdoor recreation. Cabins can be rented year-round and campgrounds are equipped with electric hookups. Recreation areas also provide hiking, biking, and cross-country ski trails, picnic areas and swim beaches.

Onoville Marina Park

Located along Allegheny Reservoir's western shoreline in New York, Onoville Marina Park is leased to Cattaraugus County by the Corps of Engineers. Park facilities include more than 400 dock spaces, six launch lanes, two campgrounds, and picnic facilities.

Seneca Nation of Indians

Nearly the entire portion of Allegheny Reservoir's New York shoreline is bounded by the Allegheny Indian Reservation, managed by the Seneca Nation of Indians. Highbanks



Campground provides facilities for both tent and RV camping, as well as cabin rentals. A boat launch, swimming pool and camp store are located

within the campground. The Seneca Indians have a long and rich history in the area. The Seneca-Iroquois Museum, located in the city of Salamanca, contains exhibits about their history, culture and folklore.

